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STEWN & TRADE				FILING DATE January 30, 2000		GROU 3621		T UNIT	
			U.S. PAT	ENT DOCUMENT	S		-		
	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS		UB ASS	FIL. DATE IF APPROP.
. 19	KA.	7,093,295	8/15/2006	Saito					
	)	11/496,777	7/31/2006	Saito					
•		11/491,400	7/20/2006	Saito					
		11/480,690	7/3/2006	Saito		·			
		11/446,604	6/1/2006	Saito					
		11/441,973	5/25/2006	Saito					
		7,036,019	4/25/2006	Saito					
		11/404,124	4/12/2006	Saito					
		2005-0262023	11/24/2005	Saito					
ų.		6,874,089	3/29/2005	Dick et al.					
		6,851,053	2/1/2005	Liles et al.					
			FOREIGN P.	ATENT DOCUMEN	VTS				
	KA	DOCUMENT NUMBER	DATE	COUNTRY	CLA		SUB LASS	TR YES	ANSLATION NC
		EP0709760B1	5/31/2006	EP				X	
•		EP0581227B1	9/21/2005	EP				Х	
• .		EP0746126B1	12/22/2004	EP				X	
. 0			OTHE	R DOCUMENTS					
		Security Internati	onal Journal Devo	ntication System for Loted to the Study of Te 1992, pp. 747-752, XI	echnica	l and F			
		Lennil, P. "The II 72, 74) XP000672		Technology," OS/2 De	velope	r, vol.	5, No	v. 1, 19	993 (pp. 70-
				etronic Cash", Technic ngineers (IEICE) July					
	EXAMINER			DATE CONSIDERED	i e	10		/	

FORM PTO-1	449		DOCKET NUMBER 012.P11004C		APPLIO 09/47		NUM	IBER
	FORMATION DISC ATION IN AN APPI		APPLICANT(S) Makoto Saito					
			FILING DATE January 30, 2000		GROUP ART UNIT 3621			
		U.S. PAT	TENT DOCUMENT	S	<u>.                                    </u>			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUI CLA		FIL. DATE IF APPROP.
kA.	6,789,197	9/7/2004	Saito					
1	6,744,894	6/1/2004	Saito					
	6,741,991	5/25/2004	Saito					
	6,721,887	4/13/2004	Saito					
	6,603,864	8/5/2003	Matsunoshita					
	2003-0144963	7/31/2003	Saito					
	6,560,339	5/6/2003	Iwamura					
	6,519,623	2/11/2003	Mancisidor					
	2003-0144963	1/16/2003	Saito					
	6,463,536	10/8/2002	Saito					
	6,449,717	9/10/2002	Saito					
		FOREIGN P	ATENT DOCUMEN	VTS				
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS	SS SU	JB ASS	TRAI YES	NSLATION NC
I	EP0715241B1	1/14/2004	EP				X	
I	EP0704785B1	11/19/2003	EP	1			X	
I I	EP0719045B1	.10/29/2003	EP				X	
		OTHE	R DOCUMENTS					
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	FORMATION DISCI ATION IN AN APPL		APPLICANT(S) Makoto Saito					
			FILING DATE January 30, 2000		GROUP ART UNIT 3621			
		U.S. PAT	ENT DOCUMENT	S				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		LASS	SUB CLASS	FIL. DATE IF APPROP.	
k A	6,438,694	8/20/2002	Saito			·		
)	2002-0122173	8/15/2002	Saito					
	6,424,715	7/23/2002	Saito					
	6,415,271	7/2/2002	Turk et al.				•	
	6,408,390	6/18/2002	Saito					
	10/170,677	6/13/2002	Saito					
	2002-0052850	5/2/2002	Saito					
	2002-0021807	2/21/2002	Saito					
	10/013,507	12/13/2001	Saito .					
	09/985,279	11/2/2001	Saito					
	6,272,635	8/7/2001	Saito					
	6,226,618	5/1/2001	Downs et al.					
		FOREIGN P.	ATENT DOCUMEN	VTS				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		RANSLATION N	
	EP0677949B1	5/28/2003	EP			X		
·	WO9750036.	12/31/1997	PCT			Х		
<b>V</b>	EP0813133A2	12/17/1997	EP		<u> </u>	х		
		OTHE	R DOCUMENTS					
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XAMINER			DATE CONSIDERED	10	12-0	6		

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	•		FILING DATE January 30, 2000		groui 3621	AR	T UNIT	
		U.S. PAT	ENT DOCUMENTS	3				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS		JB ASS	FIL. DATE IF APPROP.
K.A.	6,209,092	3/27/2001	Linnartz					
	6,182,218	´ 1/30/2001	Saito					
	6,160,891	12/12/2000	Al-Salqan		-	7.		8 * * =
	6,128,605	10/3/2000	Saito et al.					
	09/665,902	9/20/2000	Saito					
	6,097,818	8/1/2000	Saito					
ļ.	6,097,816	8/1/2000	Saito					
	6,091,835	7/18/2000	Smithies et al.					
	6,081,794	6/27/2000	Saito					
	6,076,077	6/13/2000	Saito					
	6,069,952	5/30/2000	Saito					
		FOREIGN PA	ATENT DOCUMEN	TS				
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS	S SU	ЛВ ASS	TR YES	ANSLATION N
	EP0398645B1	8/6/1997	EP		•		X	
	EP0438154B1	7/16/1997	EP				Х	, , , , ,
	EP0489385B1	3/19/1997	EP				Χ.	
	,	OTHE	R DOCUMENTS					*****
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l:	FORMATION DISCI ATION IN AN APPL		APPLICANT(S) Makoto Saito					
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		U.S. PAT	ENT DOCUMENTS	5,5				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS		UB ASS	FIL. DATE IF APPROP.
k.A.	6,044,367	3/28/2000	Wolff		.,,			
].	6,026,430	2/15/2000	Butman et al.					
	6,006,328	12/21/1999	Drake	- 6				
·	6,002,772	12/14/1999	Saito					
	5,986,690	11/16/1999	Hendricks					
	5,974,141	10/26/1999	Saito					,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
	5,968,175	10/19/1999	Morishita et al.					
	09/362,955	7/30/1999	Saito					
	5,912,969	6/15/1999	Sasamoto et al.					
	5,910,987	6/8/1999	Ginter et al.					
	5,901,339	5/4/1999	Saito					
		FOREIGN PA	ATENT DOCUMEN	TS				
·	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SU		TRA YES	nslation NO
	EP0506435B1	10/23/1996	EP				X	
	WO9627259	9/6/1996 ·	PCT				х	
W .	EP0450841B1	8/21/1996	EP				X	
		OTHER	R DOCUMENTS					
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EXAMINER	fr.//		DATE CONSIDERED	6-1	2-0	6		
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	FORMATION DISC ATION IN AN APP		APPLICANT(S) Makoto Saito					
			FILING DATE January 30, 2000		GROUP	ART UN	IT	
		Ų.S. PAT	ENT DOCUMENT	S				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	C	LASS	SUB CLASS	FIL. DATE IF APPROP.	
k A.	5,889,868	3/30/1999	Moskowitz			,"		
	5,867,579	2/2/1999	Saito		. [			
	5,864,683	1/26/1999	Boebert et al.					
	5,848,158	12/8/1998	Saito					
	5,848,155	12/8/1998	Cox					
	5,841,886	11/24/1998	Rhoads					
	5,835,765	11/10/1998	Matsumoto					
	5,835,601	11/10/1998	Shimbo et al.					
	5,832,083	11/3/1998	Iwayama et al.					
	5,825,892	10/20/1998	Braudaway					
	5,818,933	10/6/1998	Kambe et al.					
		FOREIGN P.	ATENT DOCUMEN	NTS		<del></del>		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB		TRANSLATION NO	
	WO9623257;	8/1/1996	PCT		1	X		
	JP8185448	7/16/1996	JP			X		
V	EP0715243	6/5/1996	EP			x		
		OTHE	R DOCUMENTS			<del></del>		
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			FILING DATE January 30, 2000		GROUP ART UNIT 3621				
		U.S. PAT	ENT DOCUMENTS	3					
EXAMINER INTTIAL	DOCUMENT NUMBER	DATE	NAME	C	LASS	SUB CLASS		DATE PROP.	
KA.	5,812,762	9/22/1998	Kim				-	-	
	5,794,115	8/11/1998	Saito						
	5,771,383	6/23/1998	Magee et al.						
	5,765,176	6/9/1998	Bloomberg						
	5,765,152	6/9/1998	Erickson et al.						
	5,745,572	4/28/1998	Press						
	5,740,246	4/14/1998	Saito						
	5,715,393	2/3/1998	Naugle						
	5,706,210	1/6/1998	Kumano et al.						
	5,689,587	11/18/1997	Bender						
	,	FOREIGN P.	ATENT DOCUMEN	TS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUI		TRANSLA'	NOI NO	
	WO9613113	5/2/1996	PCT			X			
d	JP7271865	10/20/1995	JP			X			
		OTHE	R DOCUMENTS		<u> </u>				
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	FORMATION DISCI ATION IN AN APPL		APPLICANT(S) Makoto Saito						
			FILING DATE January 30, 2000		GROUI 3621	P AR	T UNIT		
		U.S. PAT	ENT DOCUMENT	S	•				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS		UB ASS	FIL. DAT IF APPRO	
k.A	5,680,452	10/21/1997	Shanton						
1	5,666,411	9/9/1997	McCarty						
	5,651,064	7/22/1997	Newell						
	08/895,493	7/16/1997	Saito						
	5,646,999	7/8/1997	Saito						
	5,646,997	7/8/1997	Barton						
	5,642,418	6/24/1997	Farris et al.						
	5,636,277	6/3/1997	Nagahama						
	5,633,934	5/27/1997	Hember						
	08/846,661	5/1/1997	Saito .						
	5,606,613	2/25/1997	Lee						
		FOREIGN PA	ATENT DOCUMEN	NTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS		UB ASS	YES	ANSLATION	NO
	EP0430734B1	9/27/1995	EP				Х		
	EP0665486	8/2/1995	EP				х		-
V	WO 9520291	7/27/1995	PCT				Х		
		OTHE	R DOCUMENTS		<del>:</del>				
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			FILING DATE January 30, 2000		GROU 3621	P AR	T UNIT		
		U.S. PAT	ENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS		UB ASS		DATE PROP.
kA.	5,606,609	2/25/1997	Houser et al.						
	5,604,800	2/18/1997	Johnson et al.						
	5,584,023	12/10/1996	Hsu						
	5,577,121	11/19/1996	Davis et al.						
	08/733,504	10/18/1996	Saito						
	5,553,145	9/3/1996	Micali			L.			
	5,515,538	5/7/1996	Kleiman				•		- 9
	5,515,441	5/7/1996	Faucher						
	5,511,121	4/23/1996	Yacobi						
	5,509,074	4/16/1996	Choudhury et al.			<u> </u>			
		FOREIGN PA	ATENT DOCUMEN	TS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLA		UB ASS		ANSLAT	TION · . NO
	EP0649074	4/19/1995	EP				х		
	JP7014045 .	1/17/1995	JP			•	х		
V	EP0421808B1	12/28/1994	EP				x		
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			FILING DATE January 30, 2000		GROUI 3621		T UNIT	
		U.S. PAT	ENT DOCUMENT	S				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS		JB ASS	FIL. DATE IF APPROP.
K.A.	5,509,073	4/16/1996	Monnin					
1	5,504,933	4/2/1996	Saito					
	5,504,818	4/2/1996	Okano					
	5,504,817	4/2/1996	Shamir					
	5,504,816	4/2/1996	Hamilton et al.					
	5,499,340	3/12/1996	Barritz					
	5,497,420	3/5/1996	Garneau et al.					
	5,495,533	2/27/1996	Linehan et al.					
	5,485,577	1/16/1996	Eyer et al.					
	5,479,514	12/26/1995	Klonowski			·		
	5,475,758	12/12/1995	Kikuchi					
		FOREIGN P	ATENT DOCUMEN	NTS				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS		JB ASS	TR YES	anslation N
	JP6318036	11/15/1994	JP				X	
	JP6290087	10/18/1994	JP		·		X	
V	JP6269959	9/27/1994	JP				X	
		OTHE	R DOCUMENTS					
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	FORMATION DISC ATION IN AN APP		APPLICANT(S) Makoto Saito		_				
			FILING DATE January 30, 2000		GROUP ART UNIT 3621				
		U.S. PAT	ENT DOCUMENTS	3					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	C	LASS	SUB CLASS		IL. DATE APPROP.	
kA.	5,475,757	12/12/1995	Kelly						
1	5,465,299	11/7/1995	Matsumoto et al.					,	
	5,457,746	10/10/1995	Dolphin						
	5,455,941	10/3/1995	Okuno et al.						
	5,455,863	10/3/1995	Brown et al.						
	5,453,601	9/26/1995	Rosen						
	5,450,493	9/12/1995	Maher						
	5,444,782	8/22/1995	Adams, Jr. et al.						
	5,444,779	8/22/1995	Daniele et al.						
	5,442,706	8/15/1995	Kung						
	5,438,508	8/1/1995	Wyman						
		FOREIGN PA	ATENT DOCUMEN	ITS		•			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SU CLA		TRANS 'ES	LATION NO	
	JP6264199	9/20/1994	JP			>	ζ.		
	JP6264201	9/20/1994	JP			>	ζ.		
V	JP6242304	9/2/1994	JP			7	ζ		
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	FORMATION DISC ATION IN AN APP		APPLICANT(S) Makoto Saito						
			FILING DATE January 30, 2000		GROUP ART UNIT 3621				
		U.S. PAT	ENT DOCUMENTS	3	<del></del>				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SU CLA		FIL. DATE IF APPROP.	
LA.	5,428,685	6/27/1995	Kadooka						
	5,428,606	6/27/1995	Moskowitz						
	5,414,772	5/9/1995	Naccache et al.		<u> </u>				
	5,410,602	4/25/1995	Finkelstein et al.		i				
	5,400,403	3/21/1995	Fahn et al.						
	5,392,351	2/21/1995	Hasebe et al.						
	5,381,480	1/10/1995	Butter et al.						
	5,369,702	11/29/1994	Shanton						
	5,353,351	10/4/1994	Bartoli et al.						
	5,349,662	9/20/1994	Johnson et al.						
		FOREIGN PA	ATENT DOCUMEN	ITS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS		JB ASS	TRA	NSLATION NO	
	JP6236147	8/23/1994	JP	<b>†</b>			X		
	JP6231536	8/19/1994	JP				X	<del>-  </del>	
•	JP6131806	5/13/1994	JP				X		
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		DOCKET NUMBER APPLICATION NUMBER 012.P11004C 09/476,334					t .	
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	U.S. PA	TENT DOCUMENT	`S					
DOCUMENT NUMBER	DATE	NAME		CLASS				DATE PROP.
5,347,581	9/13/1994	Naccache et al.						
5,345,508	9/6/1994	Lynn et al.						
5,341,425	8/23/1994	Wasilewski et al.	-,					44.
5,323,464	6/21/1994	Elander et al.	."					
5,319,705	6/7/1994	Halter et al.						
5,315,657	5/24/1994	Abadi et al.						
5,301,245	4/5/1994	Endoh						
5,291,598	3/1/1994	Grundy						
5,247,575	9/21/1993	Sprague et al.						
5,235,641	8/10/1993	Nozawa et al.						
5,224,163	6/29/1993	Gasser et al.						
	FOREIGN P	ATENT DOCUMEN	NTS					
DOCUMENT NUMBER	DATE	COUNTRY	CLAS			YES	RANSLA.	rion NC
/JP6095591	4/8/1994	JP				X		
EP0590763	4/6/1994	EP				х		-
JP5334324	12/17/1993	JP				X		
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	DOCUMENT NUMBER  5,347,581  5,345,508  5,341,425  5,323,464  5,319,705  5,315,657  5,301,245  5,291,598  5,247,575  5,235,641  5,224,163  DOCUMENT NUMBER  /JP6095591  EP0590763	DOCUMENT NUMBER         DATE           5,347,581         9/13/1994           5,345,508         9/6/1994           5,341,425         8/23/1994           5,323,464         6/21/1994           5,319,705         6/7/1994           5,315,657         5/24/1994           5,301,245         4/5/1994           5,291,598         3/1/1994           5,247,575         9/21/1993           5,224,163         6/29/1993           FOREIGN P           DOCUMENT NUMBER         DATE           /JP6095591         4/8/1994           EP0590763         4/6/1994           JP5334324         12/17/1993	Makoto Saito   FILING DATE   January 30, 2000	Makoto Saito				

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		FILING DATE GROUP ART UNIT January 30, 2000 3621						
		U.S. PAT	ENT DOCUMENTS	S		- · · · · · · · · · · · · · · · · · · ·		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS	FIL. DATE IF APPROP.	
KA.	5,220,604	6/15/1993	Gasser et al.					
	5,204,961	4/20/1993	Barlow					
. : -[	5,173,939	12/22/1992	Abadi et al.					
	5,146,497	9/8/1992	Bright					
	5,144,663	9/1/1992	Kudelski et al.					
	5,142,579	8/25/1992	Anderson ·					
	5,138,659	8/11/1992	Kelkar et al.					
	5,126,566	6/30/1992	Shimada					
	5,091,938	2/25/1992	Thompson et al.	*				
	5,083,309	1/21/1992	Beysson					
	5,060,262	10/22/1991	Bevins, Jr. et al.					
		FOREIGN P	ATENT DOCUMEN	ITS			•	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SU CLA		translation S N	
	JP5327693	12/10/1993	JP			X		
	JP5324936	12/10/1993	JP			X		
V	JP5316102 <sup>-</sup>	11/26/1993.	JP			X		
		OTHE	R DOCUMENTS		•			
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	ORMATION DISC ATION IN AN APPL								
			FILING DATE January 30, 2000		GROUP ART UNIT 3621				
		U.S. PAT	ENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS SUB FIL. 1 CLASS IF AP					
hA.	5,046,093	9/3/1991	Wachob						
	5,036,461	7/30/1991	Elliott et al.						
	5,029,207	7/2/1991	Gammie						
	4,995,080	2/19/1991	Bestler et al.				ľ		
	4,977,594	12/11/1990	Shear						
	4,919,545	4/24/1990	Yu						
	4,916,737	4/10/1990	Chomet et al.						
	Re 33,189	3/27/1990	Lee et al.						
	4,905,277	2/27/1990	Nakamura						
	4,890,321	12/26/1989	Seth-Smith et al.						
	4,890,319	12/26/1989	Seth-Smith el al.						
		FOREIGN P	ATENT DOCUMEN	TS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS	S SI CL		TR YES	ANSLATION NO	
	JP5276476 .	10/22/1993	JP				X		
	JP5122701	5/18/1993	JP				X		
V	WO9307715	4/15/1993	PCT				X		
		OTHE	R DOCUMENTS						
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	FORMATION DISC ATION IN AN APP		APPLICANT(S)  Makoto Saito						
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		U.S. PAT	ENT DOCUMENTS	3		•			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CI	LASS (	SUB CLASS	FIL. DATE IF APPROP.		
k A.	4,864,615	9/5/1989	Bennett et al.						
1	4,864,614	9/5/1989	Crowther						
•	4,864,494	9/5/1989	Kobus, Jr.						
	4,862,268	8/29/1989	Campbell et al.						
	4,852,154	7/25/1989	Lewis et al.						
	4,850,017	7/18/1989	Matyas et al.						
	4,829,569	5/9/1989	Seth-Smith et al.						
	4,827,508	5/2/1989	Shear						
	4,799,156	1/17/1989	Shavit et al.						
	4,791,565	12/13/1988	Dunham				-		
	4,759,062	7/19/1988	Traub et al.						
		FOREIGN P.	ATENT DOCUMEN	TS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TR YES	ANSLATION NO		
	JP5075597	3/26/1993	JP			Х			
	JP5063142	3/12/1993	JP	1		x			
v ·	JP5056037	3/5/1993-	Ĵb			х			
		OTHE	R DOCUMENTS			*			
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SU: CLA		FIL. DATE IF APPROP.	
k.A	4,757,534	7/12/1988	Matyas et al.						
1	4,751,732	6/14/1988	Kamitake						
	4,736,422	4/5/1988	Mason					<del>.</del>	
	4,710,955	12/1/1987	Kauffman						
	4,709,266	11/24/1987	Hanas et al.						
	4,623,918	11/18/1986	Chomet			•			
	4,613,901	9/23/1986	Gilhousen et al						
	4,588,991	5/13/1986	Atalla						
	4,567,512	1/28/1986	Abraham						
	4,558,176	12/10/1985	Arnold et al.						
	4,527,195	7/2/1985	Cheung						
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	EP0191162B1 -	2/3/1993 .	EP				X		
	EP0542298A3	11/13/1992 -	EP				X		
<u> </u>	JP4268844 ·	9/24/1992 .	JP				X		
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f.A.	4,465,901	8/14/1984	Best						
	4,423,287	12/27/1983	Zeidler						
	4,386,233	5/31/1983	Smid et al.				-0-		
1	4,352,952	10/5/1982	Boone et al.						
	4,278,837	7/14/1981	Best						
	4,278,337	7/14/1981	Mashimo						
	4,225,884	9/30/1980	Block et al.						
	4,168,396	9/18/1979	Best					·	
		FOREIGN PA	ATENT DOCUMEN	TS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS		ЛВ ASS	TRA YES	nslation NO	
	JP4181282 ·	6/29/1992	JP				X		
	EP0459046 -	12/4/1991 <sup>-</sup>	EP				Х		
V	JP3265241	11/26/1991	JP				X		
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		FOREIGN P	ATENT DOCUMEN	TS						
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fet.	JP3128541	5/31/1991	JP				х			
	GB2231244	11/7/1990	UK					Ì		
	EP0391261A3	3/29/1990	ЕР				X			
	WO 9002382	3/8/1990	PCT	-			Х			
	EP0341801	11/15/1989	EP				Х			
	WO8909528	10/5/1989	.PCT				Χ.			
	JP64-061782	8/3/1989	JP				Х			
	EP0199410	10/29/1986	EP				X			
	WO8503830	8/29/1985	PCT				Х			
	JP60102038	6/6/1985	JP				X			
	EP0121853	10/17/1984	EP				X			
	JP59169000	9/22/1984	JP				X			
		OTHER	ROCUMENTS							
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